Met Office Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Saturday 21 Oct 2023 until 23:59 on Sunday 22 Oct 2023

Forecast Issued on Saturday 21 Oct 2023 at 04:39

Confidence: High for improving conditions through today, and for a better day on Sunday, but lower for daily details from Monday.

Headline for Saturday 21 Oct 2023: Cloudy with outbreaks of light rain and hill fog, strong northeasterly winds easing.

Mountain weather hazards on Saturday 21 Oct 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Fog	Dull	Cloudy	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability					
80%	40%	20%	20%	10%	10%

Forecast for Saturday 21 Oct 2023

Weather: Cloudy with rain at first, mostly light and becoming patchy this morning. Extensive hill fog this morning, before brighter conditions gradually develop this afternoon. Mostly dry this evening with patchy cloud and clear spells, just a small chance of a shower.

Chance of cloud-free hill tops above 600m: 10% or less improving 80% this afternoon and evening.

Low Cloud and visibility: Cloud generally at 300-400m this morning, then gradually lifting and breaking this afternoon and evening. Visibility below cloud mostly good, but occasionally moderate or poor in rain or drizzle, and very poor with hill fog.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Saturday 21 Oct 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/19 N	9/12 NW	9/12 NW	9/13 W	8/13 W	9/15 W	10/16 W
300	10/20 N	9/15 NW	7/12 NW	6/12 W	6/13 W	5/14 W	5/15 W
Valley	7/17 N	9/16 NW	6/10 NW	7/13 W	4/10 W	3/9 NW	3/11 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/0	5/2	6/3	6/4	5/3	5/1	4/1
300	6/3	7/4	9/7	9/8	7/5	6/4	6/4
Valley	8/6	8/5	10/9	11/9	8/8	7/6	7/6
Freezing Level*	1500m	1500m	1600m	1500m	1400m	1300m	1300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

After recent rainfall amounts saturated ground conditions will make for heavy going, with watercourses in full spate and access roads possibly flooded.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sat 21 Oct 2023	28.2mm	46.8mm	49.2mm

Forecast for Sunday 22 Oct 2023

Weather: Areas of cloud and clear or sunny spells, but mainly dry with only a small chance of an isolated shower overnight and through the morning across western areas.

Maximum wind: Westerly 20 gusts 30mph.

Chance of cloud-free hill tops above 600m: 80% in early hours then 90%.

Low Cloud and visibility: Occasional cloud 700m in early hours becoming more broken and above summits during the day with good visibility below the cloud.

Temperature: **Valleys:** Plus 7 Celsius at dawn rising to Plus 12 in the afternoon.
At 600m: Plus 4 to 6 Celsius.
Freezing level: Above the summits.

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